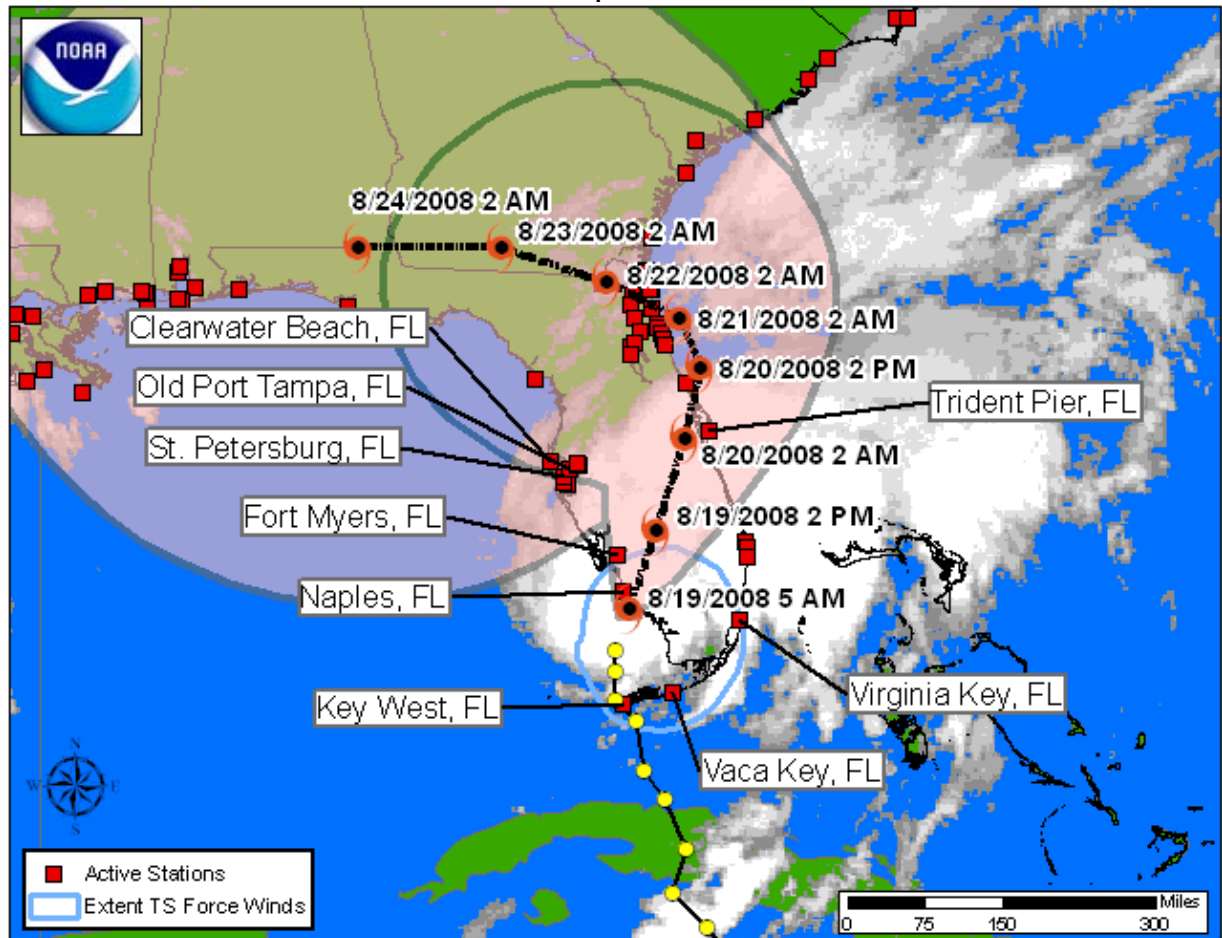




Tropical Storm FAY QuickLook
Posted: 06:00 EDT 08/19/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Tropical Storm FAY making LANDFALL at Cape Romano, 25 miles South of Naples, FL.

As of 08/19/2008 06:00 EDT, water levels in the Florida Keys are elevated and are about 0.3 to 0.7 feet above predicted. Water levels along the southwest coast of Florida are at or below predicted with levels at Naples presently 0.4 feet below predictions. Water levels along eastern Florida are 1.0 foot above predicted. Wind gusts up to 35 knots at Naples and Fort Myers are being observed. Wind speeds are falling in the Florida Keys. Barometric pressure continues to fall across southwestern Florida but has begun to rise over the Florida Keys.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Naples, FL: Next predicted high tide is 3.08 ft (0.94 m) at 08/19/2008 14:24 EDT.

Fort Myers, FL: Next predicted high tide is 1.34 ft (0.41 m) at 08/19/2008 06:00 EDT.

Virginia Key, FL: Next predicted high tide is 2.38 ft (0.73 m) at 08/19/2008 11:30 EDT.

Trident Pier, FL: Next predicted high tide is 3.88 ft (1.18 m) at 08/19/2008 10:09 EDT.

Key West, FL: Next predicted high tide is 1.90 ft (0.60 m) at 08/19/2008 12:15 EDT.

Vaca Key, FL: Next predicted high tide is 1.16 ft (0.35 m) at 08/19/2008 16:42 EDT.

Old Port Tampa, FL: Next predicted high tide is 2.69 ft (0.82 m) at 08/19/2008 17:00 EDT.

Clearwater Beach, FL: Next predicted high tide is 2.99 ft (0.91 m) at 08/19/2008 01:42 EDT.

St.Petersburg, FL: Next predicted high tide is 2.41 ft (0.73 m) at 08/19/2008 16:18 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: CM

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM FAY ADVISORY NUMBER 15

500 AM EDT TUE AUG 19 2008

...FAY MAKING LANDFALL AT CAPE ROMANO...

AT 5 AM EDT ALL HURRICANE WARNINGS ARE DISCONTINUED.

AT 5 AM EDT A TROPICAL STORM WARNING IS IN EFFECT ALONG THE WEST COAST OF FLORIDA FROM THE MIDDLE OF LONGBOAT KEY SOUTHWARD AND ALONG THE EAST COAST OF FLORIDA FROM FLAGLER BEACH SOUTHWARD INCLUDING LAKE OKEECHOBEE AND FOR THE FLORIDA KEYS FROM OCEAN REEF TO THE WEST END OF THE SEVEN MILE BRIDGE INCLUDING FLORIDA BAY. ALL TROPICAL STORM WARNINGS ELSEWHERE ARE DISCONTINUED.

A TROPICAL STORM WATCH REMAINS IN EFFECT FOR THE FLORIDA EAST COAST NORTH OF FLAGLER BEACH TO FERNANDINA BEACH.

AT 500 AM EDT THE CENTER OF TROPICAL STORM FAY WAS LOCATED NEAR LATITUDE 25.9 NORTH, LONGITUDE 81.7 WEST ON THE FLORIDA COASTLINE AT CAPE ROMANO OR ABOUT 55 MILES SOUTH OF FT. MYERS FLORIDA.

FAY IS MOVING TOWARD THE NORTH-NORTHEAST NEAR 9 MPH AND THIS MOTION IS EXPECTED TO CONTINUE TODAY TAKING THE CENTER OF FAY ACROSS THE FLORIDA

PENINSULA. A DECREASE IN FORWARD SPEED AND A TURN TO THE NORTH IS EXPECTED ON WEDNESDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH WITH HIGHER GUSTS. SLOW WEAKENING IS EXPECTED AS FAY MOVES INLAND.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 125 MILES FROM THE CENTER.

THE MINIMUM CENTRAL PRESSURE REPORTED BY RECONNAISSANCE AIRCRAFT WAS 989 MB.

FAY IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 4 TO 8 INCHES WITH MAXIMUM STORM TOTAL AMOUNTS OF 10 INCHES ACROSS THE SOUTHERN AND EAST-CENTRAL FLORIDA PENINSULA.

STORM TIDES OF 3 TO 5 FEET ABOVE NORMAL ARE POSSIBLE ALONG THE SOUTHWESTERN COAST OF FLORIDA NEAR THE CENTER OF FAY. TIDES OF 2 TO 4 FT ABOVE NORMAL ARE POSSIBLE IN THE FLORIDA KEYS.

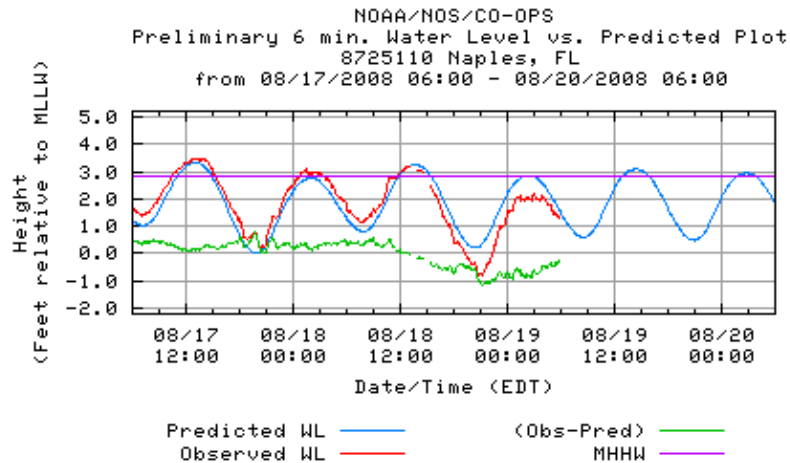
ISOLATED TORNADOES ARE POSSIBLE TODAY OVER SOUTHERN AND CENTRAL FLORIDA.

FORECASTER FRANKLIN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Naples - Water Level](#), [Naples - Winds](#), [Naples - Air/Water Temp](#), [Naples - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Air/Water Temp](#), [Fort Myers - Barometric](#), [Virginia Key - Water Level](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Key West - Water Level](#), [Key West - Winds](#), [Key West - Air/Water Temp](#), [Key West - Barometric](#), [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Air/Water Temp](#), [Vaca Key - Barometric](#), [St. Petersburg - Water Level](#), [St. Petersburg - Winds](#), [St. Petersburg - Barometric](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#),

Naples, FL - Station Map [Return to List](#)

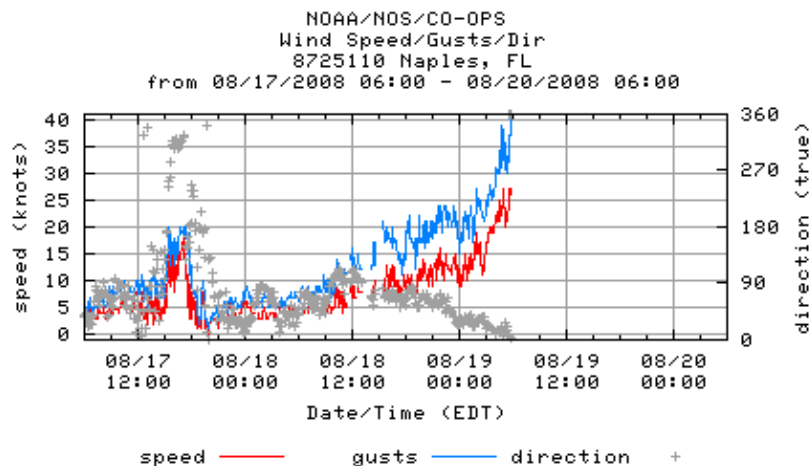


Last Observed Sample: 08/19/2008 05:48 (EDT)

Relative to **MLLW**: **Observed: 1.33 ft. Predicted: 1.60 ft. Residual: -0.27 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

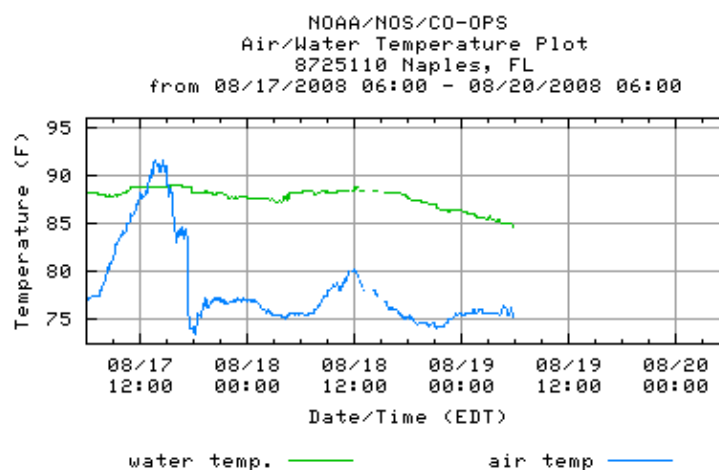
Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:48 (EDT)

Wind Speed: 27 knots Gusts: 37 knots Direction: 359° T

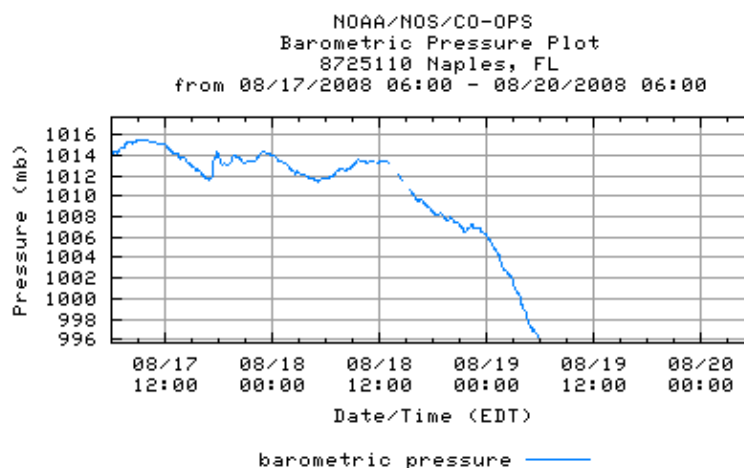
Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:48 (EDT)

Water Temperature: 84.7° F Air Temperature: 75.2° F

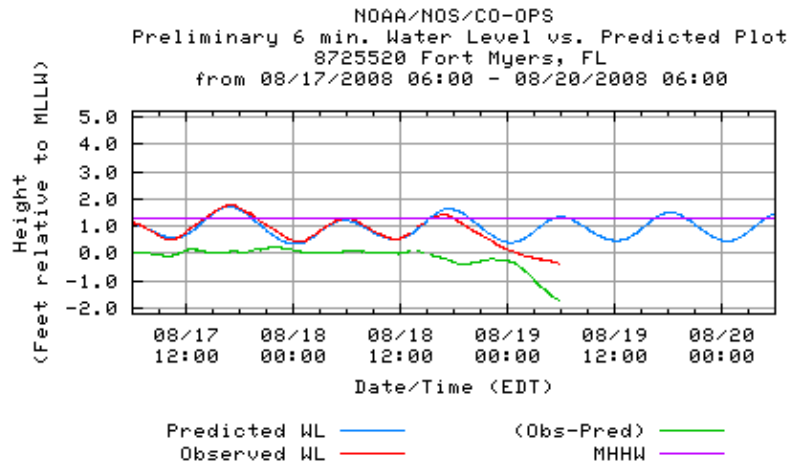
Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:48 (EDT)

Barometric Pressure: 996.2 mb

Fort Myers, FL - Station Map [Return to List](#)

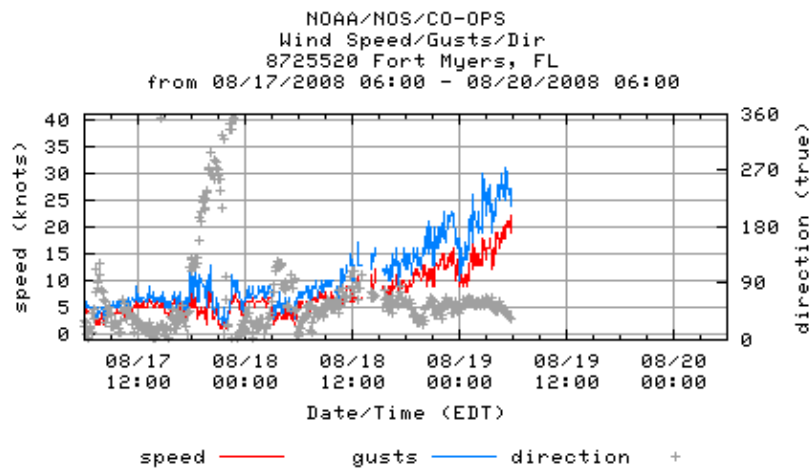


Last Observed Sample: 08/19/2008 05:48 (EDT)

Relative to **MLLW**: **Observed: -0.38 ft. Predicted: 1.34 ft. Residual: -1.72 ft.**

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

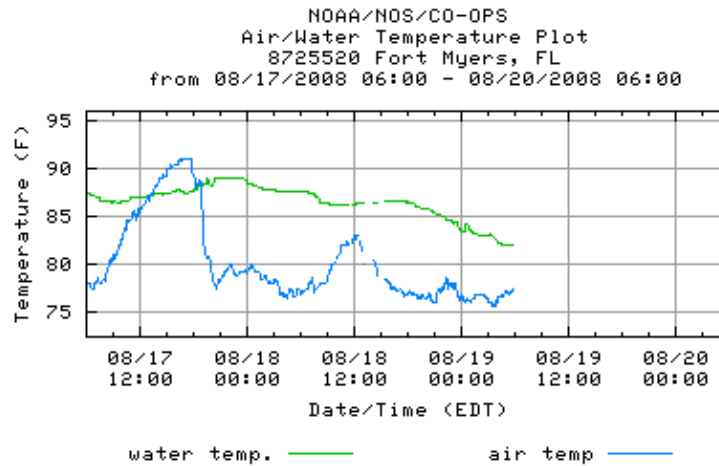
Fort Myers, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:48 (EDT)

Wind Speed: 19 knots Gusts: 24 knots Direction: 035° T

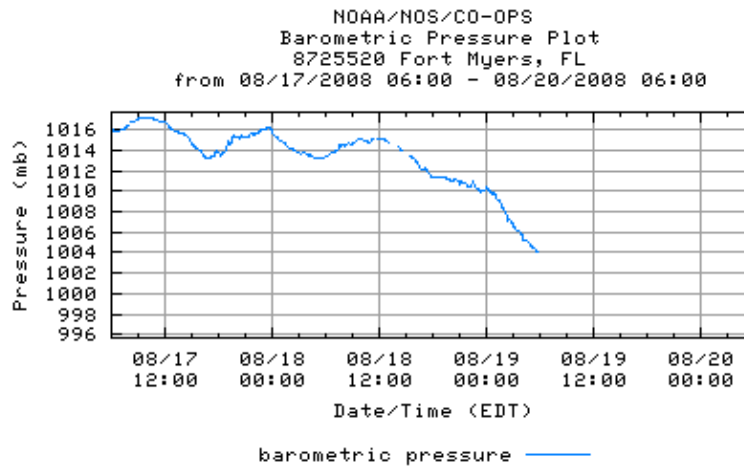
Fort Myers, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:48 (EDT)

Water Temperature: 81.9° F Air Temperature: 77.4° F

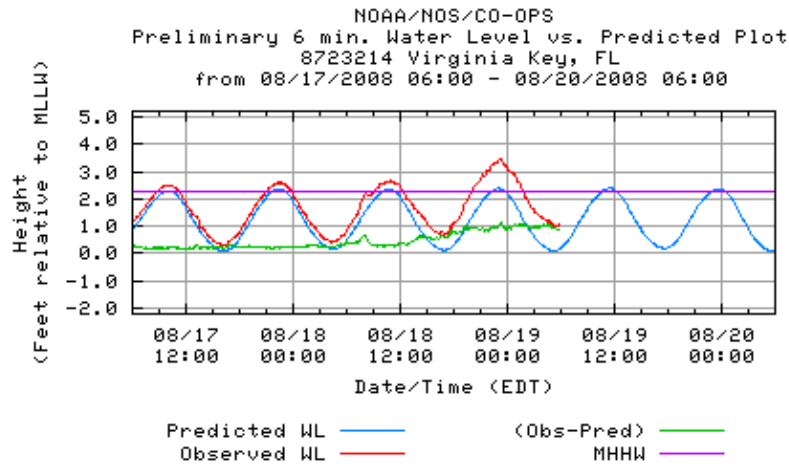
Fort Myers, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:48 (EDT)

Barometric Pressure: 1004.1 mb

Virginia Key, FL - Station Map [Return to List](#)

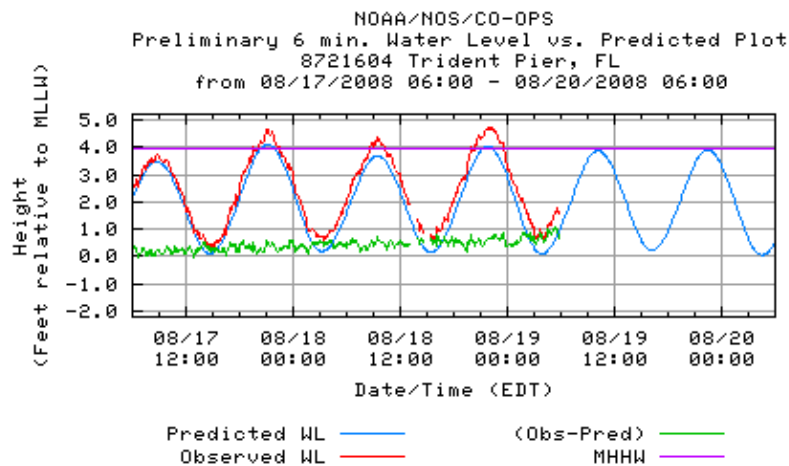


Last Observed Sample: 08/19/2008 05:48 (EDT)

Relative to **MLLW**: **Observed: 1.06 ft. Predicted: 0.16 ft. Residual: 0.90 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

Trident Pier, FL - Station Map [Return to List](#)

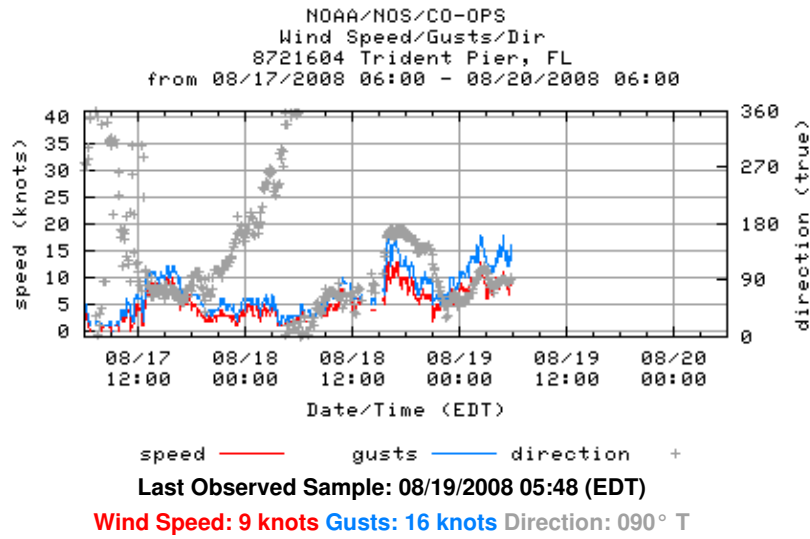


Last Observed Sample: 08/19/2008 05:48 (EDT)

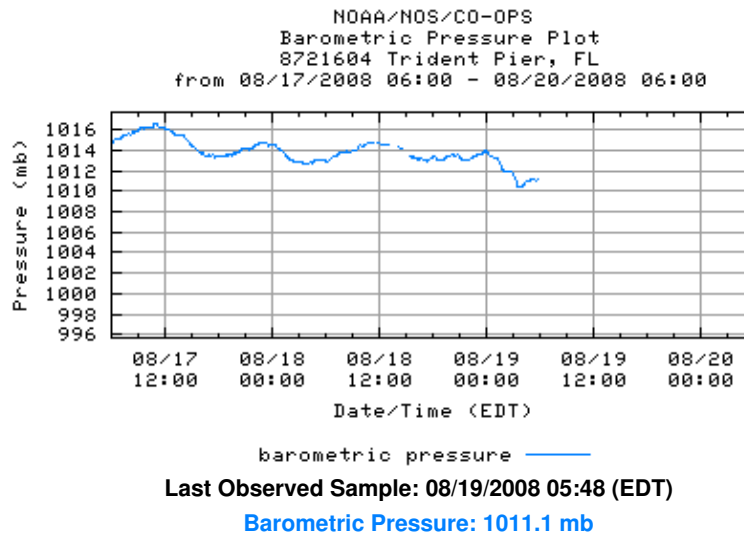
Relative to **MLLW**: **Observed: 1.62 ft. Predicted: 0.93 ft. Residual: 0.69 ft.**

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

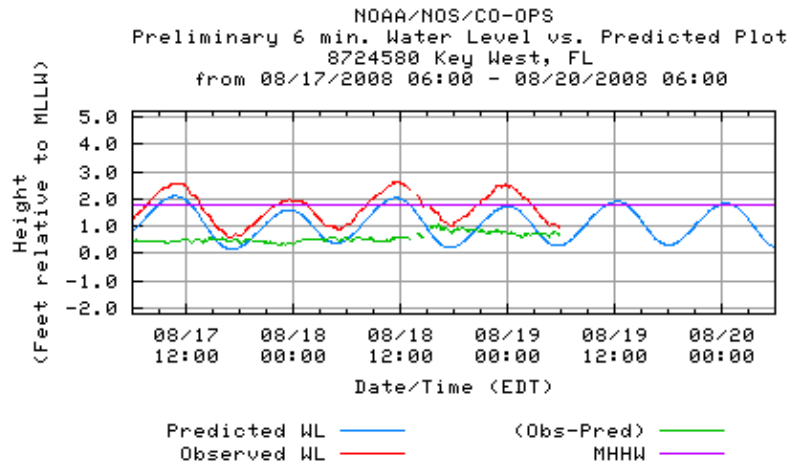
Trident Pier, FL - Station Map [Return to List](#)



Trident Pier, FL - Station Map [Return to List](#)



Key West, FL - Station Map [Return to List](#)

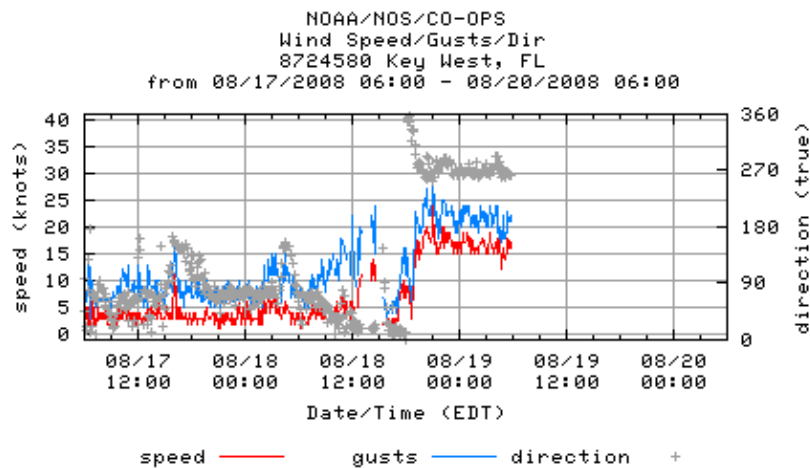


Last Observed Sample: 08/19/2008 05:48 (EDT)

Relative to **MLLW**: **Observed: 0.95 ft. Predicted: 0.28 ft. Residual: 0.67 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

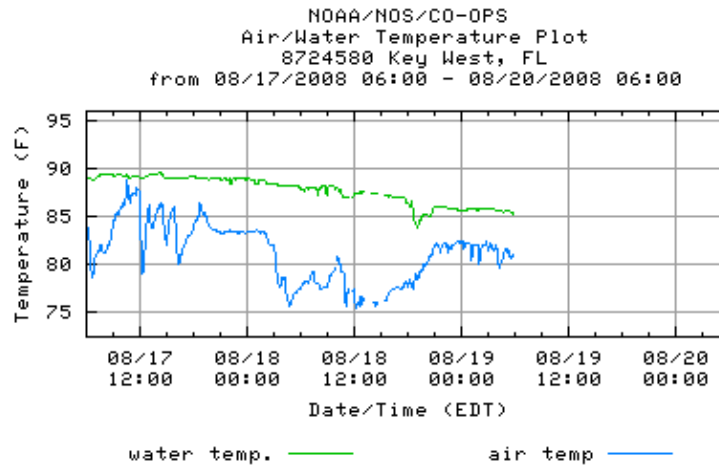
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:48 (EDT)

Wind Speed: 17 knots Gusts: 22 knots Direction: 262° T

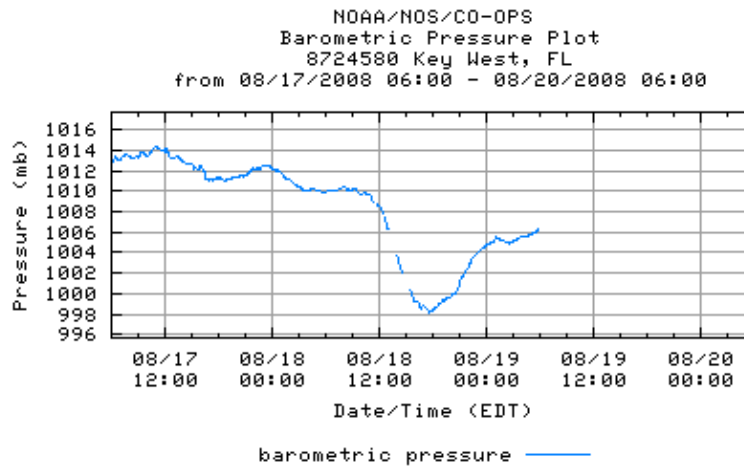
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:48 (EDT)

Water Temperature: 85.3° F Air Temperature: 81.0° F

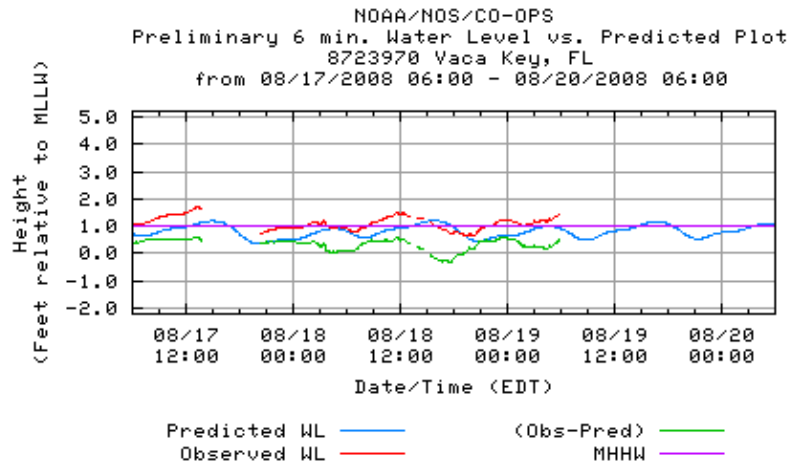
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:48 (EDT)

Barometric Pressure: 1006.3 mb

Vaca Key, FL - Station Map [Return to List](#)

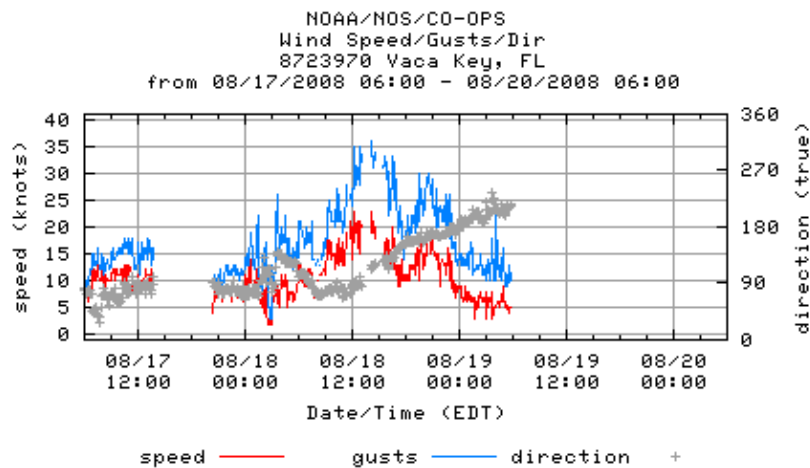


Last Observed Sample: 08/19/2008 05:48 (EDT)

Relative to **MLLW**: **Observed: 1.44 ft. Predicted: 0.94 ft. Residual: 0.50 ft.**

Historical Maximum Water Level: 10/07/1974, 1.42 ft. above **MHHW**

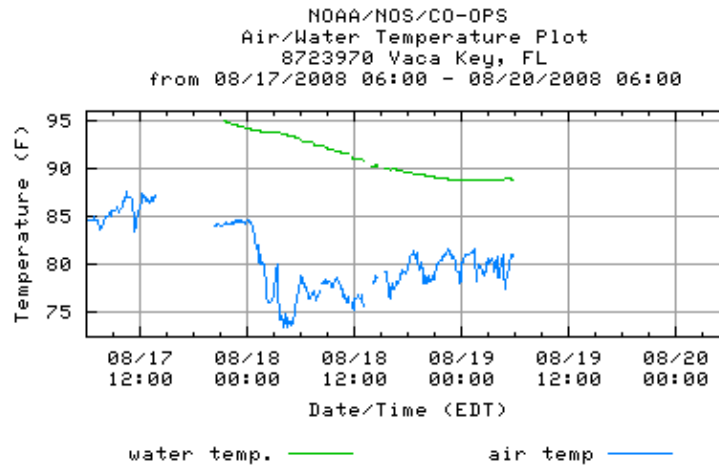
Vaca Key, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:48 (EDT)

Wind Speed: 5 knots Gusts: 10 knots Direction: 213° T

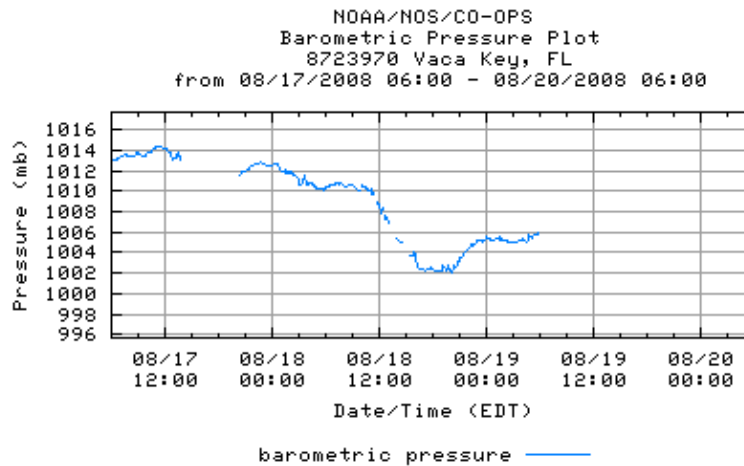
Vaca Key, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:48 (EDT)

Water Temperature: 88.7° F Air Temperature: 81.0° F

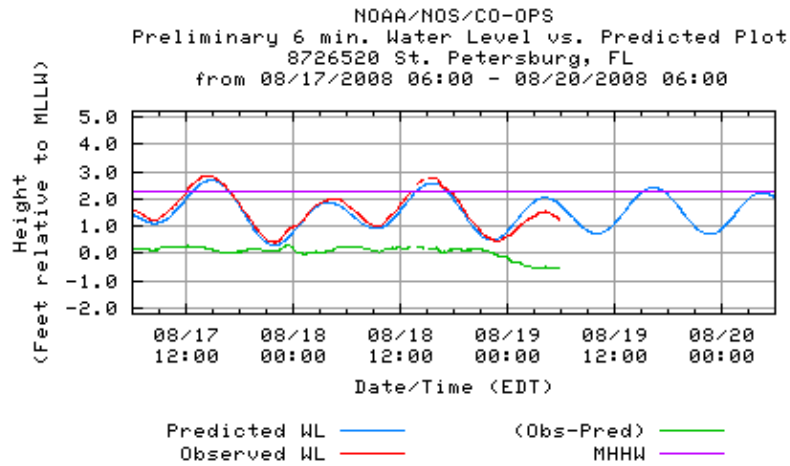
Vaca Key, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:48 (EDT)

Barometric Pressure: 1005.9 mb

St. Petersburg, FL - Station Map [Return to List](#)

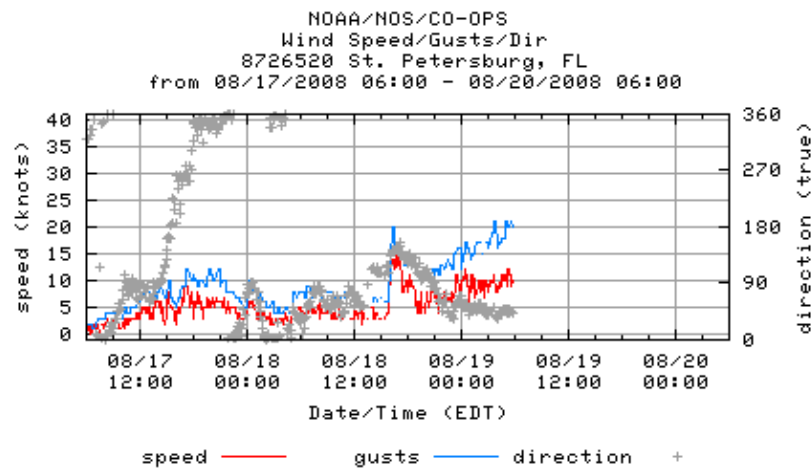


Last Observed Sample: 08/19/2008 05:48 (EDT)

Relative to **MLLW**: **Observed: 1.24 ft. Predicted: 1.81 ft. Residual: -0.57 ft.**

Historical Maximum Water Level: 08/31/1985, 4 ft. above **MHHW**

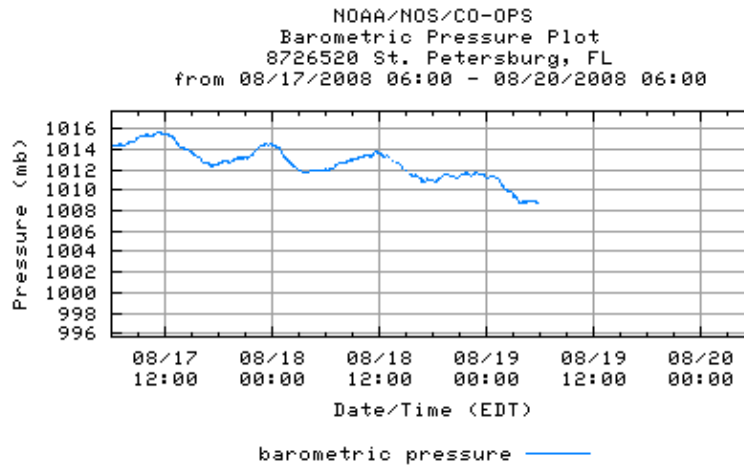
St. Petersburg, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:48 (EDT)

Wind Speed: 10 knots Gusts: 20 knots Direction: 043° T

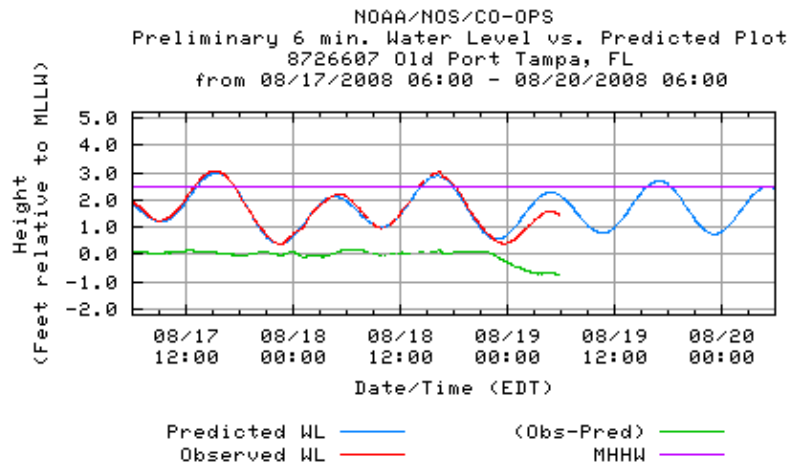
St. Petersburg, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:48 (EDT)

Barometric Pressure: 1008.8 mb

Old Port Tampa, FL - Station Map [Return to List](#)

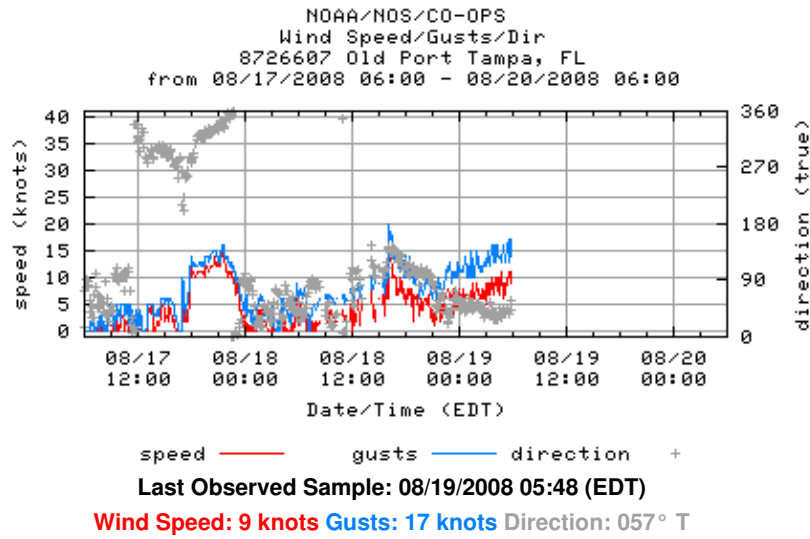


Last Observed Sample: 08/19/2008 05:48 (EDT)

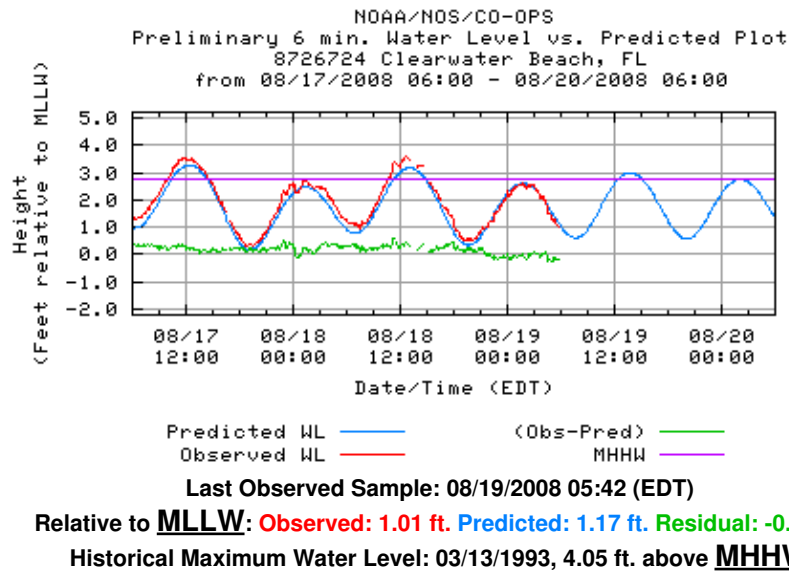
Relative to **MLLW**: Observed: 1.46 ft. Predicted: 2.18 ft. Residual: -0.72 ft.

Historical Maximum Water Level: 10/08/1996, 3.56 ft. above **MHHW**

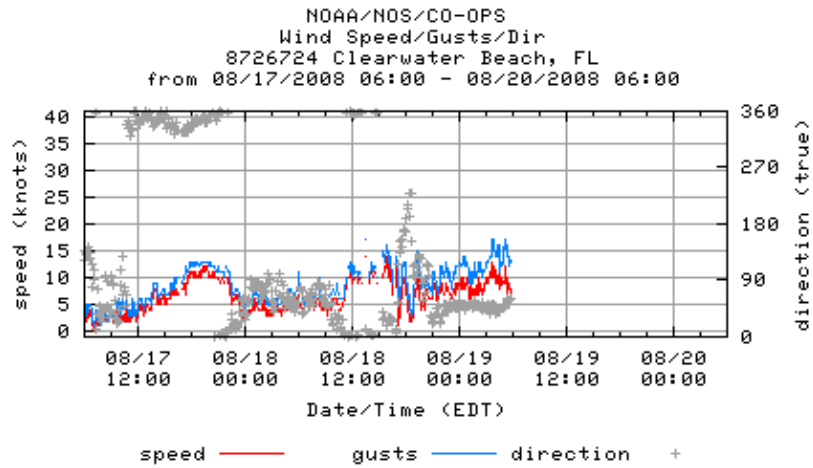
Old Port Tampa, FL - Station Map [Return to List](#)



Clearwater Beach, FL - Station Map [Return to List](#)



Clearwater Beach, FL - Station Map [Return to List](#)



Last Observed Sample: 08/19/2008 05:42 (EDT)

Wind Speed: 7 knots Gusts: 13 knots Direction: 062° T

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce